

**Abstract**

A method, system, and computer program product for sharing memory resources between several JVM processes. According to the present invention, Java software applications are loaded into a JVM in a manner suited for real-time server applications. When a JVM process is run, memory areas are created. For the initial JVM process, a heap memory area is assigned, and two separate class memory areas are created. One class memory area is reserved for the application class information, while a separate class memory area is created to hold the system class designations. The system class memory area can be shared by any subsequent JVM processes.